

Title (en)
Labeled oligonucleotides

Title (de)
Markierte Oligonukleotide

Title (fr)
Oligonucléotides marqués

Publication
EP 0919565 B2 20081112 (EN)

Application
EP 98119974 A 19910806

Priority
• EP 91917050 A 19910806
• US 56375890 A 19900806

Abstract (en)
[origin: WO9202638A1] A process of detecting a target nucleic acid using labeled oligonucleotides uses the 5' to 3' nuclease activity of a nucleic acid polymerase to cleave annealed labeled oligonucleotide from hybridized duplexes and release labeled oligonucleotide fragments for detection. This process is easily incorporated into a PCR amplification assay.

IPC 8 full level
C07H 21/00 (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/70** (2006.01)

CPC (source: EP US)
C07H 21/00 (2013.01 - EP US); **C12Q 1/6818** (2013.01 - EP US); **C12Q 1/6823** (2013.01 - EP US); **C12Q 1/6827** (2013.01 - EP US); **C12Q 1/686** (2013.01 - EP US); **C12Q 1/703** (2013.01 - EP US); **Y10S 435/805** (2013.01 - EP US); **Y10S 435/81** (2013.01 - EP US); **Y10S 436/815** (2013.01 - EP US)

Cited by
AU2001291513B2; EP1470243A4; US7455968B2; US11338296B2; EP2722399A1; EP2722403A1; EP2256215A1; EP2256216A1; WO2021028610A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
WO 9202638 A1 19920220; AT E198912 T1 20010215; AT E252110 T1 20031115; AT E365812 T1 20070715; AU 666837 B2 19960229; AU 8651091 A 19920302; CA 2088683 A1 19920207; CA 2088683 C 20000328; DE 69132521 D1 20010301; DE 69132521 T2 20010906; DE 69132521 T3 20070705; DE 69133329 D1 20031120; DE 69133329 T2 20040805; DE 69133329 T3 20090709; DE 69133574 D1 20070809; DE 69133574 T2 20080306; DK 0543942 T3 20010618; DK 0543942 T4 20070219; DK 0919565 T3 20040216; DK 0919565 T4 20090112; DK 1302549 T3 20071001; EP 0543942 A1 19930602; EP 0543942 B1 20010124; EP 0543942 B2 20061115; EP 0919565 A2 19990602; EP 0919565 A3 20001115; EP 0919565 B1 20031015; EP 0919565 B2 20081112; EP 1302549 A2 20030416; EP 1302549 A3 20040114; EP 1302549 B1 20070627; ES 2155058 T3 20010501; ES 2155058 T5 20070616; ES 2209033 T3 20040616; ES 2209033 T5 20090416; ES 2289190 T3 20080201; JP 2825976 B2 19981118; JP H06500021 A 19940106; US 2005255499 A1 20051117; US 2008171315 A1 20080717; US 5210015 A 19930511; US 5487972 A 19960130; US 5804375 A 19980908; US 6214979 B1 20010410; US 7141377 B2 20061128; US 7445900 B2 20081104

DOCDB simple family (application)
US 9105571 W 19910806; AT 03000776 T 19910806; AT 91917050 T 19910806; AT 98119974 T 19910806; AU 8651091 A 19910806; CA 2088683 A 19910806; DE 69132521 T 19910806; DE 69133329 T 19910806; DE 69133574 T 19910806; DK 03000776 T 19910806; DK 91917050 T 19910806; DK 98119974 T 19910806; EP 03000776 A 19910806; EP 91917050 A 19910806; EP 98119974 A 19910806; ES 03000776 T 19910806; ES 91917050 T 19910806; ES 98119974 T 19910806; JP 51749791 A 19910806; US 20346105 A 20050811; US 42894195 A 19950425; US 4309905 A 20050127; US 56375890 A 19900806; US 93437897 A 19970919; US 96188493 A 19930105